

Ethopia gigantea Owada in Palawan Island, The Philippines (Lepidoptera, Pyralidae)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: *Ethopia gigantea* Owada in Palawan Island, The Philippines (Lepidoptera, Pyralidae).
Cesa News 69: 1-2, 2 figs.

The present note deals with the record of *Ethopia gigantea* Owada from southern Palawan Island (Philippines), with short information of the taxonomic history, diagnostic characters, illustration, and distributional map of the species.

Key words: *Lepidoptera*, *Pyralidae*, *Galleriinae*, *Ethopia gigantea*, fauna, Palawan, the Philippines.

The genus *Ethopia* in the subfamily *Galleriinae*, was established by Walker in [1865] as a monotypical genus with the sole species *roseilinea* Walker,[1865] from New Guinea. Snellen (1872) described “*Crambomorpha ? aurora*” from “Salawatti” collected by Dr. Bernstein, which is currently considered conspecific with *roseilinea* Walker. The latter was illustrated in the original description in plate 12 fig.2, while the former illustrated by Hampson in 1901, Plate liii figs.6.6a in Romanoff, *Mém. Lépid.* Vol.8. *E. roseilinea* is distributed in Papua New Guinea, Ferguson Is., Salawati Isl.

The second species, *gigantea*, of the genus *Ethopia* was described by Owada in 1986 from northern and central parts of Palawan (Philippines). Owada described and illustrated *E. gigantea* based upon male and female specimens taken from North Palawan, Matalangao [Fall] ca. 150m above sea level [?near Port Barton] in late August and from Trident Mines (500m) near Narra in early September 1985. In 2007, Song et al. described two further new species of the genus *Ethopia* from E., SE. China (Yunnan), and Hainan. Besides, all known species of the genus were determined morphologically in a well explained identification key for the male sex.

The specimens, collected by a friend of the first author from Palawan Island during his research visit to the Philippines, belong to *Ethopia gigantea* Owada with the following external characters: Pinkish veins of greyish forewings, two and three black spots in forewing cell of female and male respectively, well developed yellowish-brown hair tufts on the costal part of the yellowish hindwing of male. Size of wings varies to some degree: Male forewing: 32-35mm, expanse: 67-73mm; Female forewing: 32-37mm, expanse: 65-75mm.

Material examined: 3 ♂ 2 ♀ The Philippines, Palawan (southern part), Mt. Mantalingajan ca 1000m 3-10 January,1998 leg.Mamigo (coll.Cesa) (**Figs.1,2**).



Fig. 1 – *Ethopia gigantea* (upperside of female). The Philippines, Southern Palawan, Mt. Mantalingajan photo M Kemal (Cesa)

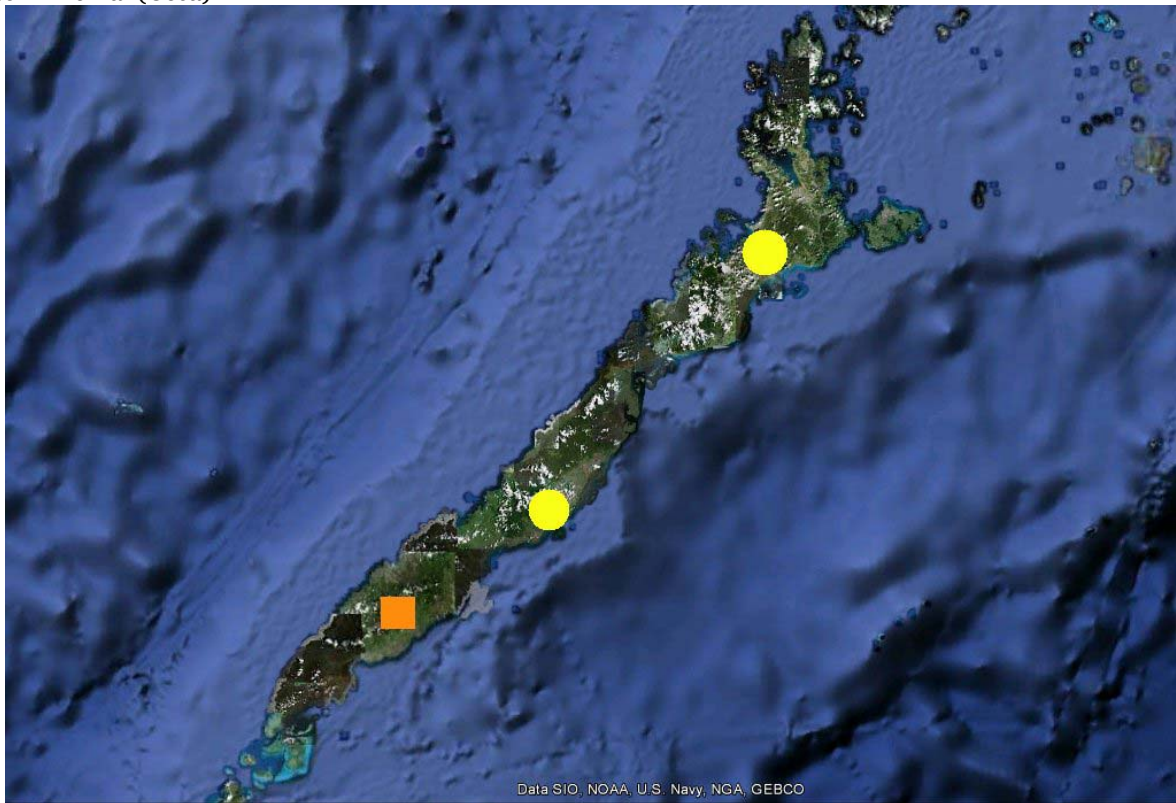


Fig. 2 – *Ethopia gigantea* in Palawan. Orange quadrate Mt. Mantalingajan (present record), yellow circles Narra (lower), Matalangao (upper).

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First records of Dolichopodidae (Diptera) from Kaliningrad Region of Russia

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Abstract: First records of Dolichopodidae (Diptera) from Kaliningrad Region of Russia. *Cesa News* 69: 3-7, 4 figs.

The faunistic data of the results of collecting dolichopodids (9 species) in the Kaliningrad Region of Russia during short-term visit (July-August, 2006) are presented. All species are firstly recorded for the Region. Light micrographs of *Xanthochlorus galbanus* Chandler et Negrobov, 2008 are included; the species is found in Russia for the first time.

Key words: Diptera, Dolichopodidae, fauna, Russia, Kaliningrad, new records.

Introduction

When studying recent Diptera catalogs, I have found that the fauna of the long-legged flies (Dolichopodidae) of the Kaliningrad Region of Russia remained unstudied (Negrobov, 1991; Grichanov, 2003–2011). This paper presents the new species records in detail. Almost all species are widespread across the Palearctic Region and common in the neighboring countries that may be considered to be comparatively well-studied. Described recently *Xanthochlorus galbanus* is widespread through most of Britain, and the sparse continental records suggest that it is also widespread in Europe and has probably been misidentified in collections (Chandler & Negrobov, 2008).

Records of 9 species listed below are arranged alphabetically by genus. Information on world distribution for each species listed follows Grichanov (2003–2011). Type localities are provided and country lists are arranged alphabetically. Material of the newly-recorded species is housed in the Zoological Museum of Moscow State University. All specimens were collected with yellow pan traps, dried and mounted on pins and placed in the museum drawers. Images were captured with a ®Zeiss Discovery V-12 stereomicroscope and ®AxioCam MRc5 camera attachment.

Material examined

***Campsicnemus lumbatus* Loew, 1857**

Colour photo: Grichanov, 2004–2008, and <http://www.diptera.info/photogallery.php>.

Material: 2♂, Russia, Kaliningradskaya obl., Nat. Res. Kurshskaya Kosa, 55°09'16.83" N, 20°51'27.03" E, 24.07-3.08.2006, Rybachiy, Ornitol. St. ZIN RAN, YPT, V.Kolyada coll.

Distribution: Type locality: Poland: "aus hiesiger Gegend" [= Meseritz]. Palearctic: Austria, Belarus, Belgium, Czech, Estonia, Finland, France, Germany, Hungary, Latvia, Netherlands, Poland, Romania, Russia (Krasnodar, Krasnoyarsk, Leningrad, Mordovia, Pskov, Ryazan', Rostov, S Ural), Slovakia, Sweden, Switzerland, Ukraine (Kherson, Odessa).

***Campsicnemus picticornis* (Zetterstedt, 1843)**

Colour photo: Grichanov, 2004–2008, and <http://www.diptera.info/photogallery.php>.

Material: 1♂, Russia, Kaliningradskaya obl., Nat. Res. Kurshskaya Kosa, 55°09'16.83" N, 20°51'27.03" E, 24.07-3.08.2006, Rybachiy, Ornitol. St. ZIN RAN, YPT, V.Kolyada coll.

Distribution: Type locality: Sweden: "Suecia meridionali et media, in Scania ad Raften; Ostrogothia ad Larketorp; Haradshammar; Holmiam". Palearctic: Austria, Belgium, Czech, Denmark, Estonia, Finland, France, Germany, Hungary, Israel, Italy, N Kazakhstan, Kyrgyzstan, Latvia, Netherlands, Poland, Russia (Karelia, Leningrad, Krasnoyarsk, Sayan Mts., Buryatia, Yakutia, Khabarovsk, Vladivostok, Kamchatka), Slovakia, Sweden, UK, Ukraine (Kherson, Odessa).

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***Campsicnemus scambus* (Fallén, 1823)**

Colour photo: Grichanov, 2004–2008, 2011, and <http://www.diptera.info/photogallery.php>.

Material: 3♂, Russia, Kaliningradskaya obl., Nat. Res. Kurshskaya Kosa, 55°09'16.83" N, 20°51'27.03" E, 24.07-3.08.2006, Rybachiy, Ornitol. St. ZIN RAN, YPT, V.Kolyada coll.

Distribution: Type locality: Sweden: Esperod. Palaearctic: Austria, Belarus, Belgium, Bulgaria, Czech, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Latvia, Lithuania, Netherlands, Norway, Poland, Romania, Russia (Arkhangelsk, Bashkortostan, Chelyabinsk, Ekaterinburg, Karelia, Krasnodar, Leningrad, Mordovia, Moscow, Murmansk, Nenetsia, Pskov, Ryazan', Saratov, Tver', Altai, Irkutsk, Khantia-Mansia, Krasnoyarsk, Khabarovsk, Vladivostok, S Kamchatka, Yamal), Slovakia, Sweden, Switzerland, UK, Ukraine (Kherson, Odessa).

***Chrysotus gramineus* (Fallén, 1823)**

Colour photo: Grichanov, 2004–2008, and <http://www.diptera.info/photogallery.php>.

Material: 3♂, Russia, Kaliningradskaya obl., Nat. Res. Kurshskaya Kosa, 55°09'16.83" N, 20°51'27.03" E, 24.07-3.08.2006, Rybachiy, Ornitol. St. ZIN RAN, YPT, V.Kolyada coll.

Distribution: Type locality: not given [Sweden]. Palaearctic: Abkhazia, Andorra, Armenia; Austria, Azerbaijan, Belarus, Belgium, Bulgaria; China; Czech, Denmark, Estonia; Finland, France, Georgia; Germany, Greece, Hungary, Ireland, Italy, Kazakhstan, Kirgizia, Korea; Latvia; Lithuania, Moldova, Netherlands, Norway, Poland, Romania, Russia (Adygea, Alania, Altai, Arkhangelsk, Bashkortostan, Blagoveshchensk, Buryatia, Chelyabinsk, Chita, Chukotka, Irkutsk, Kabardino-Balkaria, Karachai-Cherkessia, Karelia, Kostroma, Krasnodar, Krasnoyarsk, Kursk, Leningrad, Lipetsk, Mordovia, Moscow, Murmansk, Nodgorod, Orel, Orenburg, Pskov, Ryazan, Sakhalin, Tomsk, ?Ural, Vladivostok, Vologda, Voronezh, Yakutia, Yaroslavl), Slovakia, ?Slovenia, Spain, Sweden, Switzerland, Tajikistan, Turkmenistan, UK, Ukraine: Cherkasy, Crimea, Kharkiv, Kherson; Yugoslavia; ?Afrotropical: ?Rhodesia, ?South Africa.

***Gymnopternus aerosus* (Fallén, 1823)**

Colour photo: Grichanov, 2004–2008, and <http://www.diptera.info/photogallery.php>.

Material: 3♂, Russia, Kaliningradskaya obl., Nat. Res. Kurshskaya Kosa, 55°09'16.83" N, 20°51'27.03" E, 24.07-3.08.2006, Rybachiy, Ornitol. St. ZIN RAN, YPT, V.Kolyada coll.

Distribution: Type locality: not given [Sweden]. Palaearctic: Abkhazia, Austria, Belarus, Belgium, Bulgaria, Czech, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Japan, Kazakhstan, Latvia, Lithuania, Mongolia, Netherlands, Norway, Poland, Romania, Russia (Adygea, Alania, Karelia, Karachai-Cherkessia, Krasnodar, Leningrad, Lipetsk, Mordovia, Moscow, Murmansk, Novgorod, Pskov, Voronezh, "Ural", Buryatia, Irkutsk, Khantia-Mansia, Vladivostok), Slovakia, Sweden, Tajikistan, UK, Ukraine (Chernovtsy, Kherson, Odessa, Uzhhorod); Oriental: Taiwan.

***Dolichopus nubilus* Meigen, 1824**

Colour photo: Grichanov, 2004–2008.

Material: 1♂, Russia, Kaliningradskaya obl., Nat. Res. Kurshskaya Kosa, 55°09'16.83" N, 20°51'27.03" E, 24.07-3.08.2006, Rybachiy, Ornitol. St. ZIN RAN, YPT, V.Kolyada coll.

Distribution: Type locality: not given. Palaearctic: Armenia, Austria, Azerbaijan, Belgium, ?Bosnia and Herzegovina, Bulgaria, China (Xinjiang), ?Croatia, Czech, Denmark, Estonia, Finland, France, Germany, Greece incl. Crete, Hungary, Ireland, Italy, Kazakhstan, Latvia, ?Macedonia, Netherlands, Norway, Poland, Romania, N Russia (Karelia, Leningrad), S Russia (Adygea, Krasnodar, Rostov), Slovakia, ?Slovenia, Spain, Sweden, Switzerland, Tajikistan, Ukraine (Kherson, Odessa), UK, Uzbekistan, ?Yugoslavia.

***Rhaphium caliginosum* Meigen, 1824**

Colour photo: Grichanov, 2004–2008, and <http://www.diptera.info/photogallery.php>.

Material: 1♂, Russia, Kaliningradskaya obl., Nat. Res. Kurshskaya Kosa, 55°09'16.83" N, 20°51'27.03" E, 24.07-3.08.2006, Rybachiy, Ornitol. St. ZIN RAN, YPT, V.Kolyada coll.

Distribution: Type locality: not given. Palaearctic: Algeria, Armenia, Azerbaijan, Bulgaria, Denmark, Estonia, Finland, France, Germany, Greece, Israel, Italy, Latvia, Morocco, Norway, Romania, S Russia (Adygea, Kabardino-Balkaria, Karachai-Cherkessia, Krasnodar, Rostov, Stavropol), N Russia (Leningrad, Pskov), ?E Russia, Sweden, Syria, Turkey, UK, Ukraine (Kherson, Odessa).

***Sympycnus pulicarius* (Fallén, 1823)**

Colour photo: Grichanov, 2004–2008, and <http://www.diptera.info/photogallery.php>.

Material: 1♂, Russia, Kaliningradskaya obl., Nat. Res. Kurshskaya Kosa, 55°09'16.83" N, 20°51'27.03" E, 24.07-3.08.2006, Rybachiy, Ornitol. St. ZIN RAN, YPT, V.Kolyada coll.

Distribution: Type locality: not given [Sweden]. Palaearctic: Austria, Belgium, Bulgaria, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Kazakhstan, Latvia, Lithuania, Luxembourg, Moldova, Netherlands, Norway, Poland, Romania, S Russia (Alania, Kabardino-Balkaria, Karachai-Cherkessia, Stavropol), N Russia (Karelia, Leningrad, Murmansk, Novgorod, Pskov), C and E Russia (Lipetsk, Mordovia, Moscow, Voronezh, Altai), Slovakia, Spain, Sweden, Switzerland, Turkey, UK, Ukraine (Crimea, Kherson), "Yugoslavia"; Nearctic: USA: California.

***Xanthochlorus galbanus* Chandler et Negrobov, 2008 (Figs.1–4)**

Material: 1♂, 1♀, Russia, Kaliningradskaya obl., Nat. Res. Kurshskaya Kosa, 55°09'16.83" N, 20°51'27.03" E, 24.07-3.08.2006, Rybachiy, Ornitol. St. ZIN RAN, YPT, V.Kolyada coll.

Distribution: Type locality: England: Gloucestershire, Coombe Dingle. Palearctic: Belgium, Denmark, Hungary, Italy, UK. New country record.

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Fig. 1. *Xanthochlorus galbanus* Chandler et Negrobov, male habitus



Fig. 2. *Xanthochlorus galbanus* Chandler et Negrobov, female habitus



Fig. 3. *Xanthochlorus galbanus* Chandler et Negrobov, male hypopygium



Fig. 4. *Xanthochlorus galbanus* Chandler et Negrobov, female oviscapt

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